



**NORTH WEST OPERATING UNIT  
LAND DEVELOPMENT  
ENVIRONMENTAL MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT  
PROGRAMME (EMPr) FOR TSETSE  
(MANDELA PARK, MOTOPA & PHERA  
SECTION) ELECTRIFICATION PROJECT**



|                               |   |
|-------------------------------|---|
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| <b>Project Name:</b>          | Tsetse (Mandela Park, Motapa & Phera Section)   |
| <b>Project Number:</b>        | NW-EBC-3108-625346-0001   |
| <b>Project Scope of Work:</b> | <p>The aim of this project is to do electrification of 95 stands at Tsetse Motapa, Phera and Mandela Park Sections. Electrical reticulation, i.e. conductor network, will be provided which can deliver 1.69kVA per stand.</p> <p>The supply to the village sections shall be from the existing Tsetse 11kV feeder supplied from Army Camp 33/11kV Substation, by means of T-offs from poles ACT14/101/1T/15; ACT14/101/1T/28 and ACT14/101/18/5 with 3ph Fox overhead lines.</p> |
| <b>Completed</b>              | 19 May 2022   |

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**ACRONYMS**

|       |  |
|-------|--|
| EMPr  | Environmental Management Programme     |
| EO    | Environmental Officer                  |
| DWA   | Department of Water Affairs            |
| DEA   | Department of Environmental Affairs    |
| SAHRA | South African Heritage Resource Agency |
| PPE   | Personal Protective Equipment          |
| OHSA  | Occupational Health and Safety Act     |
| SAPS  | South African Police Services          |

## GLOSSARY

**Environmental Authority:** Statutory body that governs and prescribes the processes that needs to be undertaken for certain construction activities. They are also the decision making authority granting authorisation for specific projects.

**Environmental Impact:** Any change to the environment, whether adverse or beneficial, wholly or partially resulting from an organization's activities, products or services.

**Environmental Management Programme (EMPr):** A programme that guarantees the desired end state of the environment and describes how activities, that could have a negative impact, will be managed and monitored and impacted areas rehabilitated.

**Eskom Environmental Officer:** An individual appointed by Eskom to implement and monitor compliance to the EMPr.

**Contractor:** A person or company appointed by Eskom to carry out stipulated activities.

**Environment:** Surroundings in which an organisation operates, including air, water, land, natural resources, flora, fauna, humans and their interactions.

**Environmental issues (aspect):** Elements of an organization's activities, products or services which can interact with the environment.

**Mitigate:** The implementation of practical measures to reduce adverse impacts or enhance beneficial impacts of an action.

**Monitoring:** An activity which ensures that the requirements of the Environmental Management Programme are met.

## 1. INTRODUCTION

This project is an Eskom Greenfield Electrification. The village Tsetse with Motapa, Phera and Mandela Park Sections falls under Molopo CNC and the Ngaka Modiri Molema Local Municipality. It is part of the 2022/2023 Electrification Plan. The village consist of 95 stands. The houses are of brick and Zinc/Tin type. The development has only water services installed except for the electricity to be supplied by Eskom.

## 2. SCOPE OF EMPr

The Environmental Management Programme (EMPr) scope for Tsetse (Mandela, Motopa & Phera) Section Distribution Electrification project provides guidelines for environmental best practice, to the Contractor commissioned to construct the proposed distribution line. This document shall be seen as part of the contract. The document describes how activities that could have a negative impact on the environment will be managed, monitored and impacted areas rehabilitated.

This Environmental Management Programme ultimately has a long-term objective to ensure that a cradle to grave approach is implemented through ensuring that environmental management considerations are implemented throughout the life-span of the project.

### 2.1. Purpose

This Environmental Management Programme (EMPr) describes how activities that could have a negative impact on the environment will be managed and monitored. This EMPr will ensure that all electrification projects are constructed in an environmentally friendly manner.

### 2.2. EMPr Objectives

Its aim is to ensure that the following are in place:

- There is a process to identify existing or to predict potential negative environmental impacts;
- Objectives and targets are set to ensure negative impacts are mitigated and existing impacts rehabilitated;
- Resources and responsibilities are allocated to each target;
- Actions are implemented to mitigate the identified negative environmental impacts; and Monitoring programmes are developed to track the actions that have been implemented so as to ensure the effectiveness of the action.

### 2.3. EMPr Compliance

The following are required for the compliance with the EMPr:

- Environmental Training to be given to all resources working on project to understand what the possible environmental impacts will be.
- This training is to be given by the responsible EO for the project.
- An Environmental incident register is to be kept on site at all times.
- The EMPr must be available at all time on the construction site.

### 2.4. Project Responsibilities

| PROJECT MANAGER/ CO-ORDINATOR   | ESKOM ENVIRONMENTAL OFFICER   | CONTRACTOR  |
|---|---|---|
| <p>The Project Manager/ Coordinator is responsible for overall management of project and EMPr implementation. The following tasks will fall within his / her responsibilities:</p> <ul style="list-style-type: none"> <li>○ Be familiar with the recommendations and mitigation measures of this EMPr, and implement these measures.</li> <li>○ Ensure that site activities on a daily basis comply with the EMPr.</li> <li>○ Confine the construction site to the demarcated area.</li> <li>○ Rectify transgressions through the implementation of corrective action.</li> </ul> | <p>The EO is responsible for the implementation of the EMPr during the construction phase as well as liaison and reporting to Eskom &amp; Contractor. The following tasks will fall within her responsibilities:</p> <ul style="list-style-type: none"> <li>○ Conduct audits during construction and compile reports</li> <li>○ Liaise with the construction team and the Project Manager</li> <li>○ Recommend corrective action for non-compliance incidents on the construction site</li> <li>○ Ensure that the corrective measures are implemented.</li> </ul> | <p>The Contractor is responsible for the overall execution of the activities in the construction phase including the implementation and compliance <b>at all times</b> with recommendations and conditions of the EMPr as well as implementation of findings during audits by the EO. Maintain an environmental register which keeps a record of all incidents which occur on the site during construction. These incidents include:</p> <ul style="list-style-type: none"> <li>○ Public involvement / complaints</li> <li>○ Health and safety incidents</li> <li>○ Incidents involving Hazardous materials stored on site</li> </ul> |

### 3. ENVIRONMENTAL LEGISLATION FRAMEWORK

| LEGISLATION  | SECTION   | RELATES TO   |
|--|---|--|
| The Constitution of South Africa   | Chapter 2<br>Section 24<br>Section 25                                   | Bill of Rights.<br>Environmental rights.<br>Rights in property.  |
| National Environmental Management Act No. 107 of 1998 (NEMA)                         | Section 2<br><br>Section 24 (a), (d) & (5)<br><br>Section 28            | Defines the strategic environmental management goals and objectives of the government. Applies throughout the Republic to the actions of all organs of state that may significantly affect the environment.<br><br>Listed activities and Regulations<br><br>The developer has a general duty to care for the environment and to institute such measures as may be needed to demonstrate such care. |
| Conservation of Agricultural Resources Act No. 43 of 1983.                           | Section 6   | Implementation of control measures for alien and invasive plant species.   |
| National Heritage Resources Act No. 25 of 1999                                       | The general principles for governing heritage resources in South Africa | Provides general principles for governing heritage resources management throughout South Africa including national and provincial heritage sites, burial grounds and graves; archaeological and paleontological sites, and public monuments and memorials  |
| National Water Act No. 36 of 1998  | Section 19<br>Section 14  | Pollution prevention and Water use.  |
| National Environmental Management: Air Quality Act No. 39 of 2004                    | Sections 26-27<br>Section 32  | Control of dust.   |
| Occupational Health & Safety Act No. 85 of 1993                                      | Section 8<br>Section 9  | General duties of employers to their employees.<br>General duties of employers and self-employed persons to persons other than their employees.  |
| Noise Control Regulations of the Environmental Conservation Act No. 73 of 1989.      | Section 25  | Control of noise.  |
| Fertilisers, Farm Feeds, Agricultural Remedies and Stock Remedies Act No. 36 of 1947 | Sections 3-10.  | Control of the use of registered pesticides, herbicides (weed killers) and fertilizers. Special precautions must be taken to prevent workers from being exposed to chemical substances in this regard.   |
| Nature Conservation Ordinance (Transvaal) Act No. 12 of 1983                         | Section 98  | Identification of any specially protected or rare and endangered species. If these are to be affected by the proposed project, a permit from the Director General, Nature  |

|   |                              |  |
|---|------------------------------|--|
|   | Section 11                   | Conservation should be obtained prior to removal.<br>Prohibits the picking of all indigenous plants on public roads and nature reserves without a permit.  |
| National Forest Act No. 84 of 1998                            | Section 12- 16               | Prohibits the destruction/removal of protected trees without a permit.   |
| Hazardous Substances Act                                      | Section 3                    | Control of hazardous substances.   |
| Fencing Act 31 of 1963  | Section 17<br><br>Section 22 | Any person erecting a boundary fence may clean any bush along the line of the fence up to 1,5 metres on each side thereof and remove any tree standing in the immediate line of the fence.<br>Any person who opens and leaves a gate open or unfastened or finding a gate open on passing through, neglects to shut and fasten a gate shall be guilty of an offence and liable for conviction. |
| National Roads Act 54 of 1971                                 | Section 16                   | Prohibits the dumping of material on or near a national road.  |
| National Environmental Management Biodiversity Act 10 of 2004 |                              | Provides for the provisions of the protection of South African flora, fauna and microorganisms.  |



#### 4. ESKOM POLICIES AND PROCEDURES

| PROCEDURE  | DESCRIPTION   |
|------------|---|
| EPC 32-95  | <i>Reporting, Recording, Investigating, Costing and Following up of Incidents/Accidents</i>   |
| EPC 32-303 | <i>Requirements for the Safe Processing, Storing, Removing and Handling of Asbestos or Asbestos containing material.</i>                          |
| DISASAAT8  | <i>Provision and Use of Personal Protective Equipment (PPE)</i>   |
| EPC 32-245 | <i>Environmental Procedure: Waste Procedure</i>   |
| EPC 32-247 | <i>Environmental Procedure: Procedure for vegetation clearance and maintenance within overhead power line servitudes and on Eskom owned land.</i> |
| DST 34-440 | <i>Selection Purchase and Storage of Hazardous Material.</i>  |

## 5. GENERAL CONDITIONS AND CONTROL MEASURES

Management of construction activities should be controlled by adhering to the Environmental control measures outlined below:

### 5.1 Environmental Control Measures (Pre Construction Phase, Construction Phase and Operational Phase)

| PRE-CONSTRUCTION PHASE |  |   |
|------------------------|--|---|
| Aspect and Impact      | Applicable Legislation   | Applicable Eskom Standards                |
| LANDOWNERS             | <b>The Constitution (Act No 108 of 1996) – Chapter 2, 24 and 25.</b>   | <b>Wayleave Agreements<br/>Servitudes</b> |
|                        | <ul style="list-style-type: none"> <li>The Eskom project manager or co-ordinator shall be responsible for ensuring that the land owners have been informed before any work is carried out on site.</li> <li>A kick-off meeting was held with the appointed contractor, Eskom internal stakeholders, local structures and municipality on the <b>06<sup>th</sup> October 2021.</b></li> </ul> |   |
| CONSTRUCTION CAMP      | <b>National Environmental Management Act (No 107 of 1998)</b>  | <b>EPC 32- 94</b>                         |
|                        | <ul style="list-style-type: none"> <li>The camp site needs to be adequately fenced off and construction signage visibly displayed on site</li> <li>Camp site needs to be equipped with an emergency assembly point</li> <li>Emergency assembly point signage should be visibly displayed on site</li> </ul>  |   |

## CONSTRUCTION PHASE

| Aspect and Impact             | Applicable Legislation   | Applicable Eskom Standards |
|-------------------------------|--|----------------------------|
| <b>ACCESS</b>                 |  | <b>EPC 32- 94</b>          |
|                               | <ul style="list-style-type: none"> <li>• No property may be accessed after normal working hours, work to be kept within normal working hours.</li> <li>• No wandering on the surrounding property, under any circumstances.</li> <li>• Construction activities are to be confined to the servitude/wayleave area or as negotiated with the landowner.</li> <li>• Access to the camp site will be managed by the appointed security on guard</li> </ul> |                            |
| <b>GATES</b>                  |  | <b>EPC 32- 95</b>          |
|                               | <ul style="list-style-type: none"> <li>• Site camp gates shall be kept closed and locked at all times.</li> </ul>  |                            |
| <b>ENVIRONMENTAL TRAINING</b> |  | <b>DISPVWAB1</b>           |
|                               | <ul style="list-style-type: none"> <li>• Environmental awareness training to be conducted</li> <li>• Contractor personnel will have to implement the condition of the EMP as per the training.</li> </ul>  |                            |

## CONSTRUCTION PHASE

| Aspect and Impact   | Applicable Legislation  | Applicable Eskom Standards |
|---|---|----------------------------|
| <b>SITE CLEARING</b>                                      |   | <b>EPC 32- 247</b>         |
|   | <ul style="list-style-type: none"> <li>Site clearing must take place in phased matter, as and when required. The area to be cleared must be clearly demarcated and this footprint strictly maintained.</li> <li>Under no circumstance shall open or dug holes be left on site</li> </ul>  |                            |
| <b>SANITATION AND ABLUTION FACILITIES</b>                 |   | <b>EPC 32-245</b>          |
|   | <ul style="list-style-type: none"> <li>Adequate ablution facilities to be readily available on site</li> <li>A registered service provider to be utilised</li> <li>Chemical toilets to be cleaned weekly</li> <li>Proof of waste manifest and disposal certificate to be obtained from service provider</li> </ul>                          |                            |
| <b>STORAGE OF MATERIALS (HAZARDOUS AND NON-HAZARDOUS)</b> | <b>Occupational Health and Safety Act 85 of 1993, Hazardous Substances Act</b>  | <b>DST 34-440</b>          |
|   | <ul style="list-style-type: none"> <li>Material to be storage within a demarcated area with like material placed within the same area.</li> <li>Storage of hazardous materials shall be placed in an enclosed area on a drip tray or an impermeable plastic sheet.</li> </ul>   |                            |
| <b>HEALTH AND SAFETY</b>                                  | <b>Occupational Health and Safety Act 85 of 1993</b>  | <b>EPC 32-95</b>           |
|   | <ul style="list-style-type: none"> <li>It is the responsibility of Eskom to ensure that all construction and operational processes and procedures are compliant with the relevant health and safety regulations.</li> <li>Contractors safety file needs to be approved prior to commencing on site</li> </ul>                               |                            |
| <b>BARRICADING AND LIGHTING</b>                           | <b>Occupational Health and Safety Act 85 of 1993</b>  |                            |
|   | <ul style="list-style-type: none"> <li>Every excavation which is accessible to the public or which is adjacent to public roads or thoroughfares, or whereby the safety of persons may be endangered, shall be backfilled prior at the end of each working day.</li> <li>The practise on site is to dig and plant on the same day</li> </ul> |                            |

## CONSTRUCTION PHASE

| Aspect and Impact       | Applicable Legislation  | Applicable Eskom Standards |
|-------------------------|---|----------------------------|
| <b>FIRES</b>            | <b>Occupational Health and Safety Act 85 of 1993, National Veld and Forest Act No. 101 of 1998</b>  | <b>EPC 32-245.</b>         |
|                         | <ul style="list-style-type: none"> <li>• No open fires are permitted on site or in the veld</li> <li>• Site camp to be equipped with sufficient fire extinguishers</li> <li>• In the event that equipment that might pose a fire hazard are used in the construction process, suitable firefighting equipment are to be made available at the construction site and in the construction camp. Emergency preparedness for different incidents e.g. fire, oil spill incidents should be in place and be implemented if and when the need arises (<b>see Annexure B</b>).</li> </ul>                         |                            |
| <b>WASTE MANAGEMENT</b> | <b>NEMA: Waste Act</b>  | <b>EPC 32-245</b>          |
|                         | <ul style="list-style-type: none"> <li>• A Waste Management Plan must be developed and adhered to by the contractor.</li> <li>• Sufficient waste bins are to be made available on site and in the construction camp which make provision for the different waste streams generated on site</li> <li>• These need to be adequately labelled</li> <li>• Waste generated must be disposed at an appropriate <b>licensed</b> waste disposal site.</li> <li>• No containers, scrap metal, conductor etc. may be left on site. Such scrap must be removed and taken to an appropriate disposal site.</li> </ul> |                            |

## CONSTRUCTION PHASE

| Aspect and Impact                    | Applicable Legislation  | Applicable Eskom Standards   |
|--------------------------------------|---|------------------------------|
| <b>HAZARDOUS SUBSTANCES</b>          | <b>Hazardous Substances Act</b>   | <b>EPC 32-245, EPC 32-95</b> |
|                                      | <ul style="list-style-type: none"> <li>• No oil, diesel or other chemicals may be spilled or discarded anywhere. The site camp should be equipped with an oil spill mop up kit and personnel trained on its use.</li> <li>• If an accidental spill occurs, it must be reported immediately to the site supervisor, clerk of work and the responsible Eskom environmental personnel by means of a flash report (<b>Annexure A</b>) and cleaned to the satisfaction of ESKOM and the landowner.</li> <li>• All hazardous waste must be suitably enclosed, labelled, stored and removed as per legal guidelines.</li> <li>• The storage area must be properly demarcated and cordoned.</li> <li>• Drip trays must be used for stationary construction vehicles and for oil containing equipment e.g. transformers</li> <li>• These hazardous materials may not be disposed of with regular domestic waste. All excess material must be removed upon completion of any work performed and disposed of in a suitable manner by the respective Contractor.</li> </ul> |                              |
| <b>PERSONAL PROTECTIVE EQUIPMENT</b> | <b>Occupational Health and Safety Act 85 of 1993</b>  | <b>DISASAAT8</b>             |
|                                      | <ul style="list-style-type: none"> <li>• Employees shall take reasonable care of their own health and safety.</li> <li>• Employees shall cooperate with the employer to ensure that the requirements as set out in the <b>Occupational Health and Safety Act and the Regulation</b> fulfilled.</li> <li>• Employees shall maintain each item of personal protective equipment provided to them and keep it clean and hygienic and in good state of repair.</li> <li>• All the PPE purchased shall be in accordance with the Distribution Specification on PPE.</li> </ul>   |                              |
| <b>WATER MANAGEMENT</b>              | <b>National Water Act No. 36 of 1998</b>  |                              |
|                                      | <ul style="list-style-type: none"> <li>• There are no water resources within close proximity of the construction site</li> <li>• Waste generated shall not be disposed of in any water resources</li> <li>• No extraction of water from any water resource is permitted</li> </ul>  |                              |

## CONSTRUCTION PHASE

| Aspect and Impact        | Applicable Legislation   | Applicable Eskom Standards              |
|--------------------------|--|---|
| <b>DUST CONTROL</b>      | <b>Occupational Health and Safety Act 85 of 1993</b>   | <b>EPC 32- 95</b><br><b>EPC 32- 245</b> |
|                          | <ul style="list-style-type: none"> <li>The contractor to drive at moderate speed to minimise or avoid dust pollution.</li> </ul>   |   |
| <b>NOISE CONTROL</b>     | <b>Occupational Health and Safety Act 85 of 1993</b>   | <b>EPC 32- 95</b>                       |
|                          | <ul style="list-style-type: none"> <li>Noise levels will be more prominent during construction however it will be kept localised to the construction site and kept to stipulated site hours.</li> </ul>  |   |
| <b>COMMUNITY ISSUES</b>  | <b>Occupational Health and Safety Act 85 of 1993</b>   | <b>EPC 32-95</b>                        |
|                          | <ul style="list-style-type: none"> <li>Property owners and local residents shall be treated with respect at all times.</li> <li>All complaints shall be reported, recorded (Public complaints register) and investigated in compliance with the NWOU procedure (EPC 32-95).</li> </ul>   |   |
| <b>BIRD INTERACTIONS</b> |  | <b>EPC 32- 95</b>                       |
|                          | <ul style="list-style-type: none"> <li>Only bird friendly structures shall be utilised for the project</li> <li>In the event of bird incidents, the ESKOM EO must be contacted and an investigation conducted</li> <li>The EO will liaise with appropriate experts (EWT) on bird behaviour to identify and mitigate problem areas by recommending appropriate action.</li> </ul> |   |

## CONSTRUCTION PHASE

| Aspect and Impact     | Applicable Legislation  | Applicable Eskom Standards |
|-----------------------|---|----------------------------|
| <b>BUSH CLEARANCE</b> | <b>National Forestry Act No. 84 of 1998</b>   | <b>EPC 32-247</b>          |
|                       | <ul style="list-style-type: none"> <li>Tree and bush clearance will be strictly limited to the minimum specified in Eskom construction specifications.</li> <li>Bush clearing will be kept within the projects foot print and unnecessary clearing will be prohibited.</li> <li>No vegetation will be left lying around on site.</li> <li>No vegetation clearing in the form of de-stumping, scalping or uprooting shall be allowed.</li> </ul> |                            |
| <b>OIL MANAGEMENT</b> | <b>Occupational Health and Safety Act 85 of 1993</b>  | <b>EPC 32-245</b>          |
|                       | <ul style="list-style-type: none"> <li>Oil spill mop up kits must be kept on site and used in the case of an oil spill.</li> <li>In the event where the spill is too large to treat with the oil spill mop kits, a registered oil spill contractor must be contacted (Annexure B) and the incident must be reported to the EO.</li> <li>All spills to be recorded on the Environmental Incidences register.</li> </ul>                          |                            |



## CONSTRUCTION PHASE

| Aspect and Impact                      | Applicable Legislation  | Applicable Eskom Standards |
|--|---|----------------------------|
| <b>CULTURAL AND HERITAGE ARTEFACTS</b> | <b>National Heritage Resources Act No. 25 of 1999</b>   | <b>EPC 32-95</b>           |
|  | <ul style="list-style-type: none"> <li>Should any human remains or artefacts be discovered during construction, construction to cease immediately and the ECO is to be notified</li> <li>The contractor must ensure that his workforce is aware of the necessity of reporting any possible historical or archaeological finds to the ECO so that appropriate action can be taken.</li> </ul>  |                            |
| <b>MONITORING</b>                      | <b>EPC 32- 95</b>   |                            |
|  | <ul style="list-style-type: none"> <li>A monitoring programme shall be instituted by the EO</li> <li>Eskom (Project Manager) and the contractor must establish the period and frequency.</li> </ul> <p><b>It is recommended that:</b></p> <ul style="list-style-type: none"> <li>This EMPr is viewed as a living document that should change to suit the needs of the project. The EMPr must be presented and explained to the Construction team and/or contractors to sensitise them to pertinent environmental agreements and conditions.</li> <li>That site visits be conducted at intervals for the duration of the project by the relevant EO, contractor representatives and PM.</li> <li>A post-construction audit will be conducted to identify non-conformance for which corrective action must be taken. Corrective action must take place before the contract is completed or signed off.</li> <li>The site must be reinstated and rehabilitated to its original condition.</li> </ul> |                            |
| <b>FINAL SITE INSPECTION</b>           |   |                            |
|  | <p>Final site inspection must be conducted to insure that site has been re-instated. Considering the condition of the land in the study area, upon which the development is to take place, the impact of this development seems to outweigh any negative impacts that might occur if mitigation measures are implemented effectively.</p>   |                            |



**EMERGENCY PREPAREDNESS PLAN  
2022-2023  
NORTH WEST OPERATING UNIT**

In terms of EPC 32-95, it is the responsibility of the Contractor or next in charge to report an environmental incident to the Environmental Officer (EO) for the project. This must be done by sending a flash report detailing the nature of the incident and an SMS to the EO on 076 867 7065 to assist rapidly.

**ANNEXURE A: ENVIRONMENTAL RESOURCES**

| Name  | Work area  | Contact Details   |
|---|------------|---|
| 1. Mpho Sebole<br><b>Environmental Advisor</b>                            | Rustenburg | <b>084 504 1730/ 014 523 7079</b><br><a href="mailto:SeboleMD@eskom.co.za">SeboleMD@eskom.co.za</a> |
| 2. Oarabile Mabula<br><b>Environmental Quality and Management Officer</b> | Rustenburg | <b>076 867 7065/ 014 565 1169</b><br><a href="mailto:MabulaON@eskom.co.za">MabulaON@eskom.co.za</a> |

**Oil spills** - the following oil spill clean-up companies can be contacted for a quotation. This quotation must be approved by the Senior Supervisor before approval can be given to the contractor. Major oil spills under emergency conditions may be authorised directly by the relevant Sector Manager.

**ANNEXURE B: OIL SPILLS**

| COMPANY | CONTACT PERSON                   | TELEPHONE NUMBER | FAX NUMBER   | 24 HOUR SPILL RESPONSE       |
|---------|----------------------------------|------------------|--------------|------------------------------|
| ENSA    | William Mafatshe                 | 072 243 0967     | 086 642 8349 | 083 498 8798                 |
| IWS     | Hugo Kotze<br>Diana Bezuidenhout | 011 826 3978     |              | 083 654 4274<br>083 498 8798 |

**ANNEXURE C: REMOVAL OF SNAKES**

| CONTACT PERSON | AREA                  | CONTACT NUMBER               |
|----------------|-----------------------|------------------------------|
| Gert Plom      | Rustenburg            | 082 4488 535<br>014 592 7478 |
| Paul Games     | Chairman of Herp Club | 083 274-4960                 |
| Gerhard        |                       | 014 536-3150                 |

**ANNEXURE D: ANTIVENOM UNIT – NATIONAL HEALTH LABORATORY SERVICES**

| <b>CONTACT PERSON</b>                     |  |                               |
|---|--|-------------------------------|
| Megan Saffer                              | Office Hours   | 011 386-6044                  |
| Pricilla Fleischer                        | Office Hours   | 011 386-6052                  |
| NHLS SWITCHBOARD                          | 24 hours   | 011 386-6000                  |
| Dr Mark Blaylock                          | Emergency number for venom   | 083 463-3011                  |
| Dr Roger Blaylock                         | Emergency number for venom   | 083 652-0105                  |
| <b>Cost of Antivenom:</b>                 |  |                               |
| Office Hours:                             | Polyvalent R540.00 per 10ml  | Monovalent R894.00 per 10ml   |
| After Hours:<br><i>This includes VAT.</i> | Polyvalent R702.00 per 10ml<br><i>Courier will be charged separately</i> | Monovalent R1 162.00 per 10ml |

#### **ANNEXURE D: BEE REMOVAL**

| <b>COMPANY</b>                   | <b>CONTACT PERSON</b> | <b>CONTACT NUMBER</b> |
|----------------------------------|-----------------------|-----------------------|
| Southerns-Beekeepers Association | Grand Arrand          | 083 652 0760          |
| Removal Honey                    |                       | 072 142 0505          |

#### **Organizations That May Need to be contacted**

| <b>No</b> | <b>Department</b>                         | <b>Contact Details</b>    |
|-----------|---|---------------------------|
| 1         | Fire Department                           | 014 590 3333              |
| 2         | South African Police Services (SAPS)      | 08600 10 111              |
| 3         | Department of Water Affairs               | 012 253 1093/012 253 1026 |
| 4         | Department of Environmental Affairs (DEA) | 012 310 3911/012 310 3137 |